Sequence Listing could not be accepted due to errors. See attached Validation Report. If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free). Reviewer: Keisha Douglas Timestamp: [year=2010; month=11; day=3; hr=10; min=53; sec=1; ms=998;] *********** Reviewer Comments: <210> 1 <211> 7 <212> PRT <213> Gymnea sylvestre <400> 1 Asn Gly Ser Phe Ser Gly Phe 5

The above sequence $\mathrm{id} \# \ 1$ is invalid, please delete spacing between the amino acids and the numbering. This error is seen globally throughout the sequences.

Validated By CRFValidator v 1.0.3

Application No: Version No: 10579655 4.0

Input Set:

Output Set:

Started: 2010-10-25 19:40:21.780 Finished: 2010-10-25 19:40:36.460

Elapsed: 0 hr(s) 0 min(s) 14 sec(s) 680 ms

Total Warnings: 379 Total Errors: 2984 No. of SeqIDs Defined: 415 Actual SegID Count: 415

Erro	or code	Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
E	355	Empty lines found between the amino acid numbering and the
Е	321	No. of Bases conflict, this line has no nucleotides SEQID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (2)
W	402	Undefined organism found in <213> in SEQ ID (3)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (3)
W	402	Undefined organism found in <213> in SEQ ID (4)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides $\mbox{ SEQID }\mbox{ (4)}$
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (5)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (6)

Input Set:

Output Set:

Started: 2010-10-25 19:40:21.780 **Finished:** 2010-10-25 19:40:36.460

Elapsed: 0 hr(s) 0 min(s) 14 sec(s) 680 ms

Total Warnings: 379
Total Errors: 2984
f SeqIDs Defined: 415

No. of SeqIDs Defined: 415
Actual SeqID Count: 415

Erro	or code	Error Description
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (7)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides SEQID (8)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides SEQID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
Ε	355	Empty lines found between the amino acid numbering and the
Ε	321	No. of Bases conflict, this line has no nucleotides SEQID (9)
Ε	355	Empty lines found between the amino acid numbering and the
Е	321	No. of Bases conflict, this line has no nucleotides SEQID (9)
W	402	Undefined organism found in $\langle 213 \rangle$ in SEQ ID (10)
Ε	355	Empty lines found between the amino acid numbering and the
Е	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (10)
Ε	355	Empty lines found between the amino acid numbering and the
Е	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (10) $$

Input Set:

Output Set:

Started: 2010-10-25 19:40:21.780 Finished: 2010-10-25 19:40:36.460

Elapsed: 0 hr(s) 0 min(s) 14 sec(s) 680 ms

Total Warnings: 379
Total Errors: 2984

No. of SeqIDs Defined: 415
Actual SeqID Count: 415

Err	or code	Error Description
W	402	Undefined organism found in <213> in SEQ ID (11)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (11)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (11)
Ε	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (11)
W	402	Undefined organism found in <213> in SEQ ID (12)
E	355	Empty lines found between the amino acid numbering and the proteins $% \left(1\right) =\left(1\right) +\left(1\right)$
E	321	No. of Bases conflict, this line has no nucleotides $$ SEQID (12) POS (0)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (14)
W	402	Undefined organism found in <213> in SEQ ID (15)
W	402	Undefined organism found in <213> in SEQ ID (16)
W	402	Undefined organism found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)
W	213	Artificial or Unknown found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (22)
W	402	Undefined organism found in <213> in SEQ ID (23)

Input Set:

Output Set:

Started: 2010-10-25 19:40:21.780 **Finished:** 2010-10-25 19:40:36.460

Elapsed: 0 hr(s) 0 min(s) 14 sec(s) 680 ms

Total Warnings: 379
Total Errors: 2984

No. of SeqIDs Defined: 415
Actual SeqID Count: 415

Erro	or code	Error Description
W	402	Undefined organism found in <213> in SEQ ID (24)
W	402	Undefined organism found in <213> in SEQ ID (25)
W	402	Undefined organism found in <213> in SEQ ID (26)
W	402	Undefined organism found in $<213>$ in SEQ ID (28)
W	402	Undefined organism found in <213> in SEQ ID (29)
W	402	Undefined organism found in <213> in SEQ ID (30) This error has occured more than 20 times, will not be displayed
W	213	Artificial or Unknown found in <213> in SEQ ID (77)
W	213	Artificial or Unknown found in <213> in SEQ ID (78)
W	213	Artificial or Unknown found in <213> in SEQ ID (79)
W	213	Artificial or Unknown found in <213> in SEQ ID (80)
W	213	Artificial or Unknown found in <213> in SEQ ID (253)
W	213	Artificial or Unknown found in <213> in SEQ ID (254)
W	213	Artificial or Unknown found in <213> in SEQ ID (255)
W	213	Artificial or Unknown found in <213> in SEQ ID (256)
W	213	Artificial or Unknown found in <213> in SEQ ID (257)
W	213	Artificial or Unknown found in <213> in SEQ ID (258)
W	213	Artificial or Unknown found in <213> in SEQ ID (259) This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110>	Sanofi Pasteur, Inc.
<120>	METHODS FOR PURIFYING PERTUSSIS TOXIN AND PEPTIDES USEFUL
	THEREFOR
<130>	API-03-15
<140>	10579655
<141>	2010-10-25
<150>	60/523,881
<151>	2003-11-20
<150>	PCT/US2004/038700
<151>	2004-11-18
<160>	415
<170>	PatentIn version 3.5
<210>	1
<211>	
<212>	
<213>	Gymnea sylvestre
<400>	1

```
Asn Gly Ser Phe Ser Gly Phe
1 5
<210> 2
<211> 7
<212> PRT
<213> Gymnea sylvestre
<400> 2
Asn Gly Ser Phe Ser Gly Cys
<210> 3
<211> 7
<212> PRT
<213> Gymnea sylvestre
<400> 3
Asp Gly Ser Phe Ser Gly Phe
1 5
<210> 4
```

<211> 7 <212> PRT

1

5

```
<220>
<221> MISC_FEATURE
<222> (1)..(7)
<223> Xaa is any amino acid
<400> 4
Xaa Gly Ser Phe Ser Gly Xaa
1 5
<210> 5
<211> 30
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic sequence, no source organism
<400> 5
Arg Ser Ser His Cys Arg His Arg Asn Cys His Thr Ile Thr Arg Gly
```

10

	· my	110 0					110		232		1114			
		20				25					30			
<210>	6													
<211>	29													
<212>	PRT													
<213>	Artii	icial	Seque	nce										
<220>														
<223>	Synth	netic:	sequen	ce, n	o sc	ource	e or	gani:	5m					
<400>	6													
Ser Thi	Met	Asn Tl	nr Asn	Arg I	Met	Asp	Ile	Gln	Arg	Leu	Met	Thr	Asn	
1		5					10					15		
His Val	. Lys	Arg A	sp Ser	Ser 1	Pro	Gly	Ser	Ile	Asp	Ala				
		20				25								
<210>	7													
<211>	30													
<212>	PRT													
<213>	Artii	icial	Seque	nce										
<220>														

<223> Synthetic sequence, no source organism

<400> 7 Arg Ser Asn Val Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp

10

30

15

Asp Arg Pro His Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala 25

<211> 30 <212> PRT

5

20

1

<210> 8

<40.0> 8

<213> Artificial Sequence

<220> <223> Synthetic sequence, no source organism

Arg Ser Trp Arg Asp Thr Arg Lys Leu His Met Arg His Tyr Phe Pro 1 5 10 15

25

3.0

Leu Ala Ile Asp Ser Tyr Trp Asp His Thr Leu Arg Asp Ala

```
<210> 9
<211> 34
<212> PRT
<213> Gymnea sylvestre
<400> 9
Ser Gly Cys Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val
1
                                10
                                                   15
Cys Cys Glu Pro Leu Glu Cys Ile Tyr Thr Ser Glu Leu Tyr Ala Thr
           20
                             25
                                               3.0
Cys Gly
<210> 10
<211> 34
<212> PRT
<213> Gymnea sylvestre
<400> 10
Ser Gly Cys Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Val Asp Glu
```

10

15

Cys Cys Glu Pro Leu Glu Cys Phe Gln Met Gly His Gly Phe Lys Arg 20 25 30 Cys Gly <210> 11 <211> 35 <212> PRT <213> Gymnea sylvestre <400> 11 Ser Gly Cys Val Lys Lys Asp Glu Leu Cys Ser Gln Ser Val Pro Met 1 5 10 15 Cys Cys Glu Pro Leu Glu Cys Lys Trp Phe Asn Glu Asn Tyr Gly Ile 20 25 30

Cys Gly Ser

```
<210> 12
<211> 34
<212> PRT
<213> Gymnea sylvestre
<400> 12
Ser Gly Cys Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Glu
1
                               10
                                                  15
Cys Cys Glu Pro Leu Glu Cys Thr Lys Gly Asp Leu Gly Phe Arg Lys
           20
                            25
                                               30
Cys Gly
<210> 13
<211> 35
<212> PRT
<213> Gymnea sylvestre
<400> 13
Gln Gln Cys Val Lys Lys Asp Glu Leu Cys Ile Pro Tyr Tyr Leu Asp
              5
                                10
                                                    15
```

Cys	Суз	Glu	Pro	Leu	Glu	Суз	Lys	Lys	Val	Asn	Trp	Trp	Азр	His	Lys
			20					25					30		

Cys Ile Gly
35

<210> 14

<211> 31

<212> PRT

<213> Gymnea sylvestre

<222>
<221> MISC_FEATURE
<222> (9)..(30)
<223> Xaa is any amino acid

<400> 14

Cys Val Lys Lys Asp Glu Leu Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys

1 5 10 15

20 25 30

<210> 15 <211> 141 <212> DNA <213> Gymnea sylvestre <220> <221> misc_feature <222> (49)..(113) <223> n is a, g, t or c <400> 15 agtggctcaa gctcaggatc aggctgcgtc aagaaagacg agctctgcnn snnsnnsnns 60 nnsnnstget gtgageeeet egagtgenns nnsnnsnnsn nsnnsnnsnn snnstgegge 120 141 agcggcagtt ctgggtctag c <210> 16 <211> 84 <212> DNA <213> Gymnea sylvestre <400> 16

```
catagtggct caagctcagg atca
```

<211> 53 <212> PRT 84

<210> 17 <211> 44 <212> DNA <213> Gymnea sylvestre <400> 17 ttttaaatag eggatgetae taggetagae eeagaaetge eget 44 <210> 18 <211> 10 <212> RNA <213> Artificial Sequence <220> <223> Synthetic sequence, no source organism <400> 18 uageggauge 10 <210> 19

<220> <223> Synthetic sequence, no source organism <220> <221> MISC_FEATURE <222> (18)..(43) <223> Xaa is any amino acid <400> 19 Thr Met Val Met Gly Arg Gly Ser His His His His His His Ala Arg 5 10 15

25

3.0

35 40 45

Lys Ala Ser Ala Ile

20

```
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic sequence, no source organism
<400> 20
His His His His His His
1 5
<210> 21
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic sequence, no source organism
<400> 21
Asp Ala Asn Ala Pro Lys
```

<211> 127		
<212> DNA		
<213> Artif	ficial sequence	
<220>		
<223> Synth	hetic sequence, no source organism	
<220>		
<221> MISC_	FEATURE	
<222> (28).	(105)	
<223> S rep	presents C or G, and N represents A, T, G or C	
<400> 22		
ageggatgee t	ttcggagcgt tagcgtcsnn snnsnnsnns nnsnnsnnsn nsnnsnnsnn	60
snnsnnsnns n	nnsnnsnnsn nsnnsnnsnn snnsnnsnns nnsnnagatc tagcatgatg	120
atgatga		127
<210> 23		
<211> 81		
<212> DNA		
<213> Gymne	ea sylvestre	
<400> 23		
taatacgact c	catagggaca attactattt acaattacaa tgggacgtgg ctcacatcat	60

```
<210> 24
<211> 32
<212> DNA
<213> Gymnea sylvestre
<400> 24
aattaaatag eggatgeett eggagegtta ge
                                                                   32
<210> 25
<211> 18
<212> DNA
<213> Bacteriophage M13
<400> 25
                                                                   18
tgtaaaacga cggccagt
<210> 26
<211> 54
<212> PRT
<213> Gymnea sylvestre
<400> 26
Met His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
                                 10
                                                    15
```

Val Lys Lys Asp	Glu Leu Cy	ys Ala Gly	Ser Val Gly	His Cys	Cys Glu
20		25		30	
Pro Leu Glu Cys	3 Leu Arg A	rg Phe Leu	Asn Leu Arg	Trp Cys	Gly Ser
35		40		45	
Gly Ser Ser Gly	y Ser Ser				
50					
<210> 27					
<211> 54					
<212> PRT					
<213> Gymnema	sylvestre				
<400> 27					
Met His His His	s His His Hi	is Ser Gly	Ser Ser Ser	Gly Ser	Gly Cys
1	5		10		15
Val Lys Lys Asp	o Glu Leu Cy	ys Ile Val	Met Arg Ala	Pro Cys	Cys Glu

Pro Leu	Glu Cys	Leu A	rg Arg	Tyr	Met	Leu	Lys	His	Met	Суз	Gly	Ser
	35			40					45			
Gly Ser	Ser Gly	Ser S	er									
50												
<210> 2	28											
<211> 5	54											
<212> E	RT											
<213>	ymnea s	ylvest	re									
<400> 2	28											
Met His	His His	His H	is His	Ser	Gly	Ser	Ser	Ser	Gly	Ser	Gly	Cys
1		5				10					15	
Val Lys	Lys Asp	Glu L	eu Cys	Lys	Ala	Phe	Arg	Tyr	Ser	Cys	Cys	Glu
	20				25					30		
Pro Leu	Glu Cys	Leu A	rg Lys	Trp	Leu	Lys	Ala	Arg	Phe	Cys	Gly	Ser
	35			40					45			

Gly Ser Ser Gly Ser Ser

<210> 29	
<211> 54	
<212> PRT	
<213> Gymnea sylvestre	
<400> 29	
Met His His His His His Ser Gly Ser Ser Ser Gly Se	r Gly Cys
1 5 10	15
Val Lys Lys Asp Glu Leu Cys Leu Arg Ser Ser Ile Asp Cy.	s Cvs Glu
20 25 30	
20 25	
Pro Leu Glu Cys Leu Tyr Lys Trp Met Gln Arg Arg Leu Cy	Gly Ser
35 40 45	
Gly Ser Ser Gly Ser Ser	
50	
<210> 30	

<212> PRT

```
<213> Gymnea sylvestre
<400> 30
Met His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
    5
                            10
                                              15
Val Lys Lys Asp Glu Leu Cys Trp Pro Arg Arg His Lys Cys Cys Glu
         2.0
                        25
Pro Leu Glu Cys Leu Leu Glu Met Leu Glu Arg Lys Arg Cys Gly Ser
      35
               40
                               45
Gly Ser Ser Gly Ser Ser
  50
<210> 31
<211> 53
<212> PRT
<213> Gymnea sylvestre
<400> 31
Met His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys
           5
                             10
                                              15
```

Val Lys Ly:	Asp Glu Leu	Cys Met Ser	Met Ala Cys	Val Cys Cys Glu
	20	25		30
Pro Leu Glu	Cue Lue Tur	Hie Gly Tur	Dhe Trn Leu	Cys Gly Ser Gly
	. ogo bjo igi			
35		40		45
Ser Ser Gly	Ser Ser			
50				
<210> 32				
<211> 54				
<212> PRT				
<213> Gymr	nea sylvestre			
<400> 32				
Met His Hi:	His His His	His Ser Gly	Ser Ser Ser	Gly Ser Gly Cys
1	5		10	15
Val Lys Ly:	Asp Glu Leu	Cys Ala Val	Trp Phe Asp	Val Cys Cys Glu
	20	25		30

Pro Leu Glu Cys Thr	Tyr Gln Ser Gly	Tyr Tyr Trp Leu	Cys Gly Ser
35	40	45	
	_		
Gly Ser Ser Gly Ser :	par		
<210> 33			
<211> 54			
<212> PRT			
<213> Gymnea sylves	tre		
<400> 33			
Met His His His His I	His His Ser Glv	Ser Ser Ser Glv	Ser Gly Cys
1 5		10	15
Val Lys Lys Asp Glu :	Leu Cys Glu Pro	Trp Tyr Trp Arg	Cys Cys Glu
20	25		30
Pro Leu Glu Cys Val '			Cys Gly Ser
35	40	45	

<210> 34
<211> 54
<212> PRT
<213> Gymnea sylvestre
<400> 34
Met His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
1 5 10 15
Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val Cys Cys Glu
20 25 30
Pro Leu Glu Cys Ile Tyr Thr Ser Glu Leu Tyr Ala Thr Cys Gly Ser
35 40 45
Gly Ser Ser Gly Ser Ser
50
<210> 35

<211> 54

```
<212> PRT
<213> Gymnea sylvestre
<400> 35
Met His His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
1 5
                10 15
Val Lys Lys Asp Glu Leu Cys Val Phe Tyr Phe Pro Asn Cys Cys Glu
         20
                        25
                                        30
Pro Leu Glu Cys Arg Trp Val Asn Asp Asn Tyr Gly Trp Cys Gly Ser
                     40
     35
                                     45
Glv Ser Ser Glv Ser Ser
  50
<210> 36
<211> 53
<212> PRT
<213> Gymnea sylvestre
<400> 36
```

Met His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Met Ser Met Ala Cys Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Lys Tyr His Gly Tyr Phe Trp Leu Cys Gly Ser Gly

35 40 45

Ser Ser Gly Ser Ser

50

<210> 37

<211> 54

<212> PRT

<213> Gymnea sylvestre

<400> 37

Met His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu

20 25 30

Pro Leu Glu Cy:	s Lys Trp Thr	Asn Glu His	Phe Gly Thr Cys (Gly Ser
35		40	45	
Gly Ser Ser Gly	Ser Ser			
50				
<210> 38				
<211> 54				
<212> PRT				
<213> Gymnea :	sylvestre			
<400> 38				
Met His His Hi	s His His His	Ser Gly Ser	Ser Ser Gly Ser (Gly Cys
1	5	10	1	15
Val Lys Lys Asp	o Glu Leu Cys	Ser Gln Ser	Val Pro Met Cys (Cys Glu
20		25	30	
Pro Leu Glu Cy	s Lys Trp Phe	Asn Glu Asn	Tyr Gly Ile Cys G	Gly Ser

Gly	Ser	Ser	Gly	Ser	Ser										
	50														
<210)> :	39													
<21	L> !	54													
<212	2> 1	PRT													
<21	3> 0	Symne	ea s	/lve:	stre										
<400)> :	39													
Met	His	His	His	His	His	His	Ser	Gly	Ser	Ser	Ser	Gly	Ser	Gly	Суз
1				5					10					15	
Val	Lys	Lys	Asp	Glu	Leu	Cys	Ala	Arg	Trp	Asp	Leu	Val	Cys	Cys	Glu
			20					25					30		
Pro	Leu	Glu	Cys	Ile	Tyr	Thr	Ser	Glu	Leu	Tyr	Ala	Thr	Cys	Gly	Ser
		35					40					45			
Gly	Ser	Ser	Gly	Ser	Ser										
	50														

<21	11>	54													
<21	12>	PRT													
<21	L3>	Gymne	a s	/lve:	stre										
< 40	00>	40													
Met	His	His	His	His	His	His	Ser	Gly	Ser	Ser	Ser	Gly	Ser	Gly	Cys
1				5					10					15	
Val	l Lys	Lys	Asp	Glu	Leu	Cys	Ala	Arg	Trp	Asp	Leu	Val	Cys	Суз	Glu
			20					25					30		
Pro) Leu	Glu	Суз	Leu	Gly	His	Gly	Leu	Gly	Tyr	Ala	Tyr	Cys	Gly	Ser
		35					40					45			
Gly	/ Ser	Ser	Gly	Ser	Ser										
<21	L 0>	41													
<21	11>	53													
<21	12>	PRT													
<21	13>	Gymn	a s	ylve:	stre										
< 40	00>	41													

Met His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
1 5 10 15
Val Lys Lys Asp Glu Leu Cys Met Trp Ser Arg Glu Val Cys Cys Glu
20 25 30
Pro Leu Glu Cys Tyr Tyr Thr Gly Trp Tyr Trp Ala Cys Gly Ser Gly
35 40 45
Ser Ser Gly Ser Ser
<210> 42
<211> 54
<212> PRT
<213> Gymnea sylvestre
<400> 42
Met His His His His His Ser Gly Ser Ser Gly Ser Gly Cys
1 5 10 1.5

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Val Asp Glu Cys Cys Glu

20 25 30

Pro Leu Glu Cys Phe Gln Met Gly His Gly Phe Lys Arg Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser

50

<210> 43

<211> 54